

simplicity of the grease fitting arrangement, definitely not industry standard and unclaimed by Salecker US Pat. No. 5,507,062.

### **Response to Examiner's Arguments**

In general, this invention possesses few moving parts to be maintained or replaced, in comparison with Silverman US Pat. No. 6,637,064 and Salecker, as cited by the Examiner. The system is a simplified version of the industry state of the art, with additional useful, non-obvious features, including two external grease fittings to service three pistons. In general, Salecker teaches a new arrangement of lock rings and seals for the industry standard cable feeding device. Salecker does not claim the grease fittings on his invention's three pistons (120,122,14 on Fig. 6) because they are industry standard fittings and serve no special purpose.

In contrast, the present invention possesses two grease fittings that serve the three pistons from outside of the cable guide, not three fittings inside the cable guide housing one for each piston, as with Salecker. This makes lubrication easier and does not require the housing to be disassembled before grease can be added to the system. This is a non-obvious improvement to lubrication for cable guide systems, not just the addition of Salecker's lube points to Silverman's cable guide.

Applicant believes that this post-final amendment places the application in a state of allowance and respectfully requests that the application be allowed as a patent.

## **Claims**

### **2. (Cancelled) A plumbing cable guide,**

**the cable guide comprised of a main body and a face plate, the main body in the shape of a flattened cylinder, the face plate in the shape of a flattened cylinder,**

**the face plate attached removably to the main body by means of a lock ring, the face plate and main body each possessing a cable guide hole, the face plate attached to the main body in such a manner that the cable guide hole of the face plate and the cable guide hole of the main body lie over each other,**

**the face plate capable of rotating around the central hole of the main body, the face plate possessing a control handle fixedly attached to the circumference of the face plate,**

**The face plate possessing a plurality of piston screw access holes, the piston screw access holes in the shape of an elongated oval, the main axis of the oval shape aligned with the radius of the circular face plate,**

**the main body possessing a plurality of piston holes, each of the piston holes cut through the main body from circumference to the cable guide hole of the main body, each piston hole containing a piston inserted removably into the piston hole,**

**each piston possessing a piston screw removably attached to the piston, each piston screw positioned such that it protrudes through a cam screw hole cut in the flat surface of the main body, each cam screw hole connecting the surface of the main body with a piston hole, each cam screw hole in the shape of an elongated oval, the long axis**

of the oval shape of the cam screw hole perpendicular to the radius of the main body,

The piston screw holes of the face plate and the cam screw holes of the main body positioned such that one piston screw hole is placed over one cam screw hole when the face plate and the main body are connected to each other, the piston screw for each piston protruding through the cam screw hole and through the corresponding piston screw hole,

each piston capable of being rotated around its long axis within the piston hole by means of grasping a control handle fixedly attached to the face plate circumference and turning the face plate around the guide hole until the piston screws reach the end of the cam screw holes, the motion of the piston screws forcing each piston to turn around its long axis within the piston hole,

each piston possessing a central end near the cable guide hole, the central end of each piston possessing cams fixedly attached to the piston, the cams configured such that they will grasp a standard plumbers snake cable, the direction of motion of the plumbers snake cable through the cable guide hole controlled by the orientation of the cams on each piston, the orientation of the cams on each piston controlled by the rotational orientation of the piston,

an adjustment screw handle inserted through the circumference of the main body and connected removably to a piston, the adjustment screw handle threaded in such a manner that rotating the adjustment screw handle moves the piston connected to the adjustment screw handle away from the circumference of the main body and towards